

Docket No.: 0943-0162PUS1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Yoshiyuki MATSUMOTO et al.

Application No.: NEW

Confirmation No.: N/A

Filed: March 31, 2006

Art Unit: N/A

For: INTEGRATED MIRROR

Examiner: Not Yet Assigned

LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

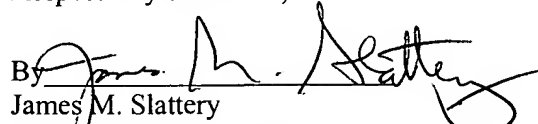
Sir:

The PTO is requested to use the amended sheets/claims attached hereto (which correspond to Article 19 amendments or to claims attached to the International Preliminary Examination Report (Article 34)) during prosecution of the above-identified national phase PCT application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §1.16 or 1.14; particularly, extension of time fees.

Dated: March 31, 2006

Respectfully submitted,

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Attachment(s)

Amended Claims

[Received by the International Bureau on February 14, 2005; original claims 1, 3, 5 and 8 were amended; original claims 2, 6 and 7 were cancelled; other claims remain unchanged(1 sheet)]

1. (amended) An integrated mirror comprising:

an inside mirror part for reflecting an inside field of vision of behind a vehicle;

10 an outside mirror part for reflecting an outside field of vision of behind the vehicle; and

coupling means for coupling the inside mirror part and the outside mirror part so that their respective mirror faces are parallel,

characterized in that the inside mirror part and the outside mirror part
15 are optically designed such that images reflected in their mirror faces are formed on the basis of a common virtual view point determined in correspondence with a driver's view point position determined using predetermined physique data, and the images reflected in the mirror faces have continuity, and are disposed at a height above the driver's sight position of a seated driver.

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2. (cancelled)

3. (amended) The integrated mirror of claim 1, further comprising attaching means provided part-way along the coupling means and mounted rotatably in an
25 upper part of the vehicle exterior part, and the inside mirror part and the outside mirror part move in linkage about the attaching means as a center of rotation.

4. The integrated mirror of claim 3, wherein the mirror position is adjustable by moving the inside mirror part.

5. (amended) The integrated mirror of claim 1, 3 or 4, wherein the vehicle
5 exterior part is left and right front pillars.

6. (cancelled)

7. (cancelled)

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8. (amended) The integrated mirror of claim 5, wherein the virtual view point is provided in front of the front pillar and at a vehicle corner part and within a range of height from the ground to the vehicle height.

IP20 Rev J PCT/JP 31 MAR 2006

補正書の請求の範囲

[2005年2月14日(14.02.05)国際事務局受理 : 出願当初の請求の範囲

1、3、5及び8は補正された; 出願当初の請求の範囲2、6及び7は取り下げられた;

他の請求の範囲は変更なし。(1頁)]

1. (補正後) 車両後方の車室内側視界を映す車室内ミラー部と、
車両後方の車室外側視界を映す車室外ミラー部と、
前記車室内ミラー部と前記車室外ミラー部を各々のミラー面が平行になるように結合する結合手段と、を有する統合ミラーにおいて、
前記車室内ミラー部及び前記車室外ミラー部は、各ミラー面に映る像が所定の体格データを用いて決定される運転者視点位置に応じて決定される共通の仮想視点に基づいて結像されるように光学的に設計され、各ミラー面に映る像が連続性を有しており、かつ、着座した運転者の前記運転者視点位置以上の高さに配置されることを特徴とする統合ミラー。
2. (削除)
3. (補正後) 更に、前記結合手段の途中に設けられ、前記車両外郭部の上部に回動自在に設けられた取付け手段を有し、前記車室内ミラー部と前記車室外ミラー部は前記取付け手段を回動中心にして連動して動くことを特徴とする請求項1記載の統合ミラー。
4. 前記車室内ミラー部を動かすことによってミラー位置が調整可能に設けられた請求項3記載の統合ミラー。
5. (補正後) 前記車両外郭部は左右のフロントピラーであることを特徴とする請求項1、3又は4に記載の統合ミラー。
6. (削除)
7. (削除)
8. (補正後) 前記仮想視点は、前記フロントピラーの前方かつ車両コーナー部であって、地面から車高までの高さの範囲内に設けられることを特徴とする請求項5に記載の統合ミラー。

補正された用紙 (条約第19条)